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Resume of Robert Brown McGhee, 1988-08

McGhee, Robert Brown

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RESUME OF ROBERT BROWN MCGHEE

Robert B. McGhee was born on 6 June 1929 in Detroit, Michigan. He received the B.S. degree in Engineering Physics from the University of Michigan in 1952, and the M.S. and Ph.D degrees in Electrical Engineering from the University of Southern California in 1957 and 1963 respectively.

From 1952 until 1955, he served as an officer in the U.S. Army Ordinance Corps in the area of guided missile maintenance. From 1955 until 1963, he was a member of the technical staff of Hughes Aircraft Company where he worked on the design and analysis of air-to-air and anti-tank missile systems. In 1963, he joined the faculty of the Department of Electrical Engineering at the University of Southern California where he was Assistant Professor until 1967 and Associate Professor until 1968. In 1968, he joined the Department of Electrical Engineering at Ohio State University as Professor and Director of the Digital Systems Laboratory.



Dr. McGhee spent the 1985-86 academic year on leave from Ohio State University as the Grace Murray Hopper Chair Professor in Computer Science at the Naval Postgraduate School. Subsequent to that appointment, in October 1986, he joined the faculty of NPS as Professor of Computer Science. On 1 June 1988 he became Acting Chairman of the Computer Science Department.

Professor McGhee's teaching and research interests are centered in the areas of robotics and artificial intelligence. He has published more than eighty journal and conference papers and has served as dissertation advisor for sixteen completed Ph.D. degrees. He is best known for his work on mobile robots including, most recently, a large six-legged walking machine called the "Adaptive Suspension Vehicle" developed with DARPA sponsorship under his supervision at Ohio State University. Currently he is involved at NPS in adapting robotic technology to the development of autonomous undersea and land vehicles.